Flight

MPTS IJET
CO 3101
IFT/OFT

Mission

Cockpit Orientation Simulator

1.5 hours IFT/OFT

CO3101

ORM

- **Operational Requirements / Limitations**
  - **Crew Rest / Crew Day / Work Week**
  - **Warm Up Eligibility**
  - **Previous Flight Incomplete? Determine Graded Items.**

- **Human Factors**
  - **Life Stressors / External Factors / Personal Problems**
  - **Medical Status (Crew Day/Rest / Nourishment / Hydration)**

TTO

CO3101

- **Who will call a TTO?**
- **What situations will the TTO be called?**
  - **Safety**
  - **Confusion / Misunderstanding**
- **IP Responsibilities**
  - **Recognize need for TTO**
  - **Explanation / Instruction as necessary**
  - **Documentation on ATF**
- **When and how will training resume?**

ADMIN

CO3101

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **ASI 0109**
  - **SEA 1102**
  - **CO 1105**
- **Misc**
  - **Event duration must be at least 0.75 of syllabus time to be complete (1.1 hrs)**
  - **An event duration that deviates greater than 0.3 hours from syllabus time must have the reason annotated on the grade sheet.**

SYLLABUS NOTES

CO3101

A. Practice all checklists, applicable FTI briefings, radio calls, and basic a/c control. Ensure student's checklist proficiency is adequate to proceed to flight operations.

B. Multiple items are listed as discuss items. However, due to time constraints, it may not be possible to discuss all items prior to the simulator event (SIM). Therefore, a DISCUSS ITEM may be addressed during or after the SIM.

C. The student will perform the following procedures IAW FTI, NATOPS, and SOP on the indicated event (Next Slide).

SYLLABUS NOTES

CO3101

- INVENTORY FLIGHT EQUIPMENT
- DON FLIGHT EQUIPMENT
- CANOPY/EJECTION SEAT PREFLIGHT
- STRAP-IN PROCEDURES
- COCKPIT PRE-FLIGHT CHECKLIST
- PRE-START CHECKLIST
- AIRCRAFT START
- POST-START CHECKLIST
- PRE-TAXI CHECKLIST
- GROUND COMMUNICATIONS
- TAXI CHECKLIST
- FLIGHT INSTRUMENT CHECKS
- TAKEOFF CLEARANCE
- TAKEOFF CHECKLIST
- ENGINE CHECKS
- TAKEOFF
- DEPARTURE COMMUNICATIONS
- 10,000 FT CHECKS/15 MINUTE REPORT
- DESCENT/PENETRATION CHECKLIST
- LANDING CHECKLIST
- NORMAL EGRESS PROCEDURES
- ENTER MISSION DATA INTO DISPLAY SYSTEM

Recommended Flight Conduct

CQ3101

This mission should concentrate on ground procedures, especially checklists, receiving ATIS/Clearance, waypoint and waypoint offset input, sequencing areas, and MOA operating procedures. Perform multiple transitions to the final approach configuration, landing checklist complete & aircraft on speed.

Departure:

VT-7	**Union 19R**	***"Carp 1##" Call Sign***
VT-9	**Dancy 19R**	***"Shad 1##" Call Sign***

MOA:

VT-7	**Area 1 C**
VT-9	**Area 4 Luke**

Arrival:

VT-7	**Enroute descent, Demo PAR 19L**
VT-9	**Enroute descent, Demo PAR 19L**

Additional Demo (ungraded) approaches at instructor's discretion.

SSR/DISCUSS ITEMS

CO3101

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**

- **DISCUSS ITEMS:**

  - **QOD**
  - **IFT OPERATION**
  - **GROUND SIGNALS**
  - **FINAL CHECKER**
  - **SHUTDOWN SIGNALS**

CO3101

BLOCK MIF

CTS REF	MANEUVER	CO3102
1	General Knowledge/Procedures	3+
3	Headwork/Situational Awareness	3+
5	Mission Planning/Briefing/ Debriefing	3+
6	Communications	2+
7	Ground Operations	2+
8	Flight Admin	3+
11	Departure	1
13	Recovery	1

STANDARD DEBRIEFING FORMAT

CO3101

- The Flight Lead or Pilot-in-Command is responsible for ensuring all flight or crewmembers are thoroughly debriefed on the conduct of the mission utilizing the “S-P-B-E-MS-LL” format outlined below. (Refer to the CTW-1/CTW-2 Expanding Debriefing Guide for specific objectives).

I. Safety
II. Planning
III. Brief
IV. Execution
V. Mission Success
VI. Lessons Learned